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| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | ATTY. DOCKET NO. 900145.403USPC | APPLICATION NO. 10/520,882 |
| | APPLICANTS Stevens Michael Brumbley et al. | |
| | FILING DATE November 16, 2005 | GROUP ART UNIT 1638 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|-----------------|---------------------|------------|------------|-------------------------------|
| | AA | 6,091,002 A | 07/18/00 | Asrar et al. | 800 | 288 | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|----|--------------------|-----------------|-------------|-------------|----|
| | | | | | YES | NO |
| | AK | 00/52183 A1 | 09/08/00 | WIPO | | |
| | AL | 01/23596 A2 | 04/05/01 | WIPO | | |
| | AM | | | | | |
| | AN | | | | | |
| | AO | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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| AP | Bohmert et al., "Transgenic <i>Arabidopsis</i> plants can accumulate polyhydroxybutyrate to up to 4% of their fresh weight," <i>Planta</i> 211: 841-845, 2000. |
| AQ | Brumbley et al., "Application for Biotechnology for Future Sugar Industry Diversification," <i>Proceedings of the Conference of the Australian Society of Sugar Cane Technologies</i> , 29 April to 1 May 2002, 24: 40-46, pages 41 to 43. |
| AR | Hahn et al., "Peroxisomes as Sites for Synthesis of Polyhydroxyalkanoates in Transgenic Plants," <i>Biotechnology Progress</i> 15: 1053-1057, 1999. |

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| | AA | International Search Report for PCT/AU03/00903, mailed October 31, 2003, 5 pages. | |
| | AB | Karr et al., "Analysis of Poly- β -Hydroxybutyrate in <i>Rhizobium japonicum</i> Bacteroids by Ion-Exclusion High-Pressure Liquid Chromatography and UV Detection," <i>Applied and Environmental Microbiology</i> 46(6): 1339-1344, December 1983. | |
| | AC | Katz et al., "Cloning and Expression of the Tyrosinase Gene from <i>Streptomyces antibioticus</i> in <i>Streptomyces lividans</i> ," <i>Journal of General Microbiology</i> 129: 2703-2714, 1983. | |
| | AD | Kim et al., "Isolation of stress-related genes of rubber particles and latex in fig tree (<i>Ficus carica</i>) and their expressions by abiotic stress or plant hormone treatments," <i>Plant Cell Physiol.</i> 44(4): 412-414, April 2003. | |
| | AE | Knight et al., "The <i>sfr6</i> Mutation in Arabidopsis Suppresses Low-Temperature Induction of Genes Dependent on the CRT/DRE Sequence Motif," <i>The Plant Cell</i> 11: 875-886, May 1999. | |
| | AF | Mayer et al., "Rerouting the Plant Phenylpropanoid Pathway by Expression of a Novel Enoyl-CoA Hydratase/Lyase Enzyme Function," <i>The Plant Cell</i> 13: 1669-1682, July 2001. | |
| | AG | Mekhedov et al., "An unusual seed-specific 3-ketoacyl-ACP synthase associated with the biosynthesis of petroselinic acid in coriander," <i>Plant Mol Biol.</i> 47(4): 507-518, November 2001. | |
| | AH | Niu et al., "Benzene-free synthesis of adipic acid," <i>Biotechnol Prog.</i> 18(2): 201-211, March-April 2002. | |
| | AI | Ostle et al., "Nile Blue A as a Fluorescent Stain for Poly- β -Hydroxybutyrate," <i>Applied and Environmental Microbiology</i> 44(1): 238-241, July 1982. | |
| | AJ | Ow et al., "Transient and Stable Expression of the Firefly Luciferase Gene in Plant Cells and Transgenic Plants," <i>Science</i> 234(4778): 856-859, November 14, 1986. | |
| | AK | Poirier et al., "Polyhydroxybutyrate, a Biodegradable Thermoplastic, Produced in Transgenic Plants," <i>Science</i> 256(5056): 520-523, April 24, 1992. | |
| | AL | Prasad et al., "Heat and Osmotic Stress Responses of Probiotic <i>Lactobacillus rhamnosus</i> HN001 (DR20) in Relation to Viability after Drying," <i>Applied and Environmental Microbiology</i> 69(2): 917-925, February 2003. | |
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /RK/

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| AA | | Prasher et al., "Cloning and expression of the cDNA coding for aequorin, a bioluminescent calcium-binding protein," <i>Biochem Biophys Res Commun.</i> 126(3): 1259-1268, February 15, 1985. | |
| AB | | Salomon et al., "Genetic identification of functions of TR-DNA transcripts in octopine crown galls," <i>The EMBO Journal</i> 3(1): 141-146, 1984. | |
| AC | | Siebert et al., "Genetic Engineering of Plant Secondary Metabolism," <i>Plant Physiol.</i> 112: 811-819, 1996. | |
| AD | | Snell et al., "Polyhydroxyalkanoate Polymers and Their Production in Transgenic Plants," <i>Metabolic Engineering</i> 4(1): 29-40, January 2002. | |
| AE | | Steinbüchel et al., "Physiology and molecular genetics of poly(beta-hydroxy-alkanoic acid) synthesis in <i>Alcaligenes eutrophus</i> ," <i>Mol Microbiol.</i> 5(3): 535-542, March 1991. | |
| AF | | Sticher et al., "Systemic acquired resistance," <i>Annu Rev Phytopathol.</i> 35: 235-270, 1997. | |
| AG | | Sutcliffe, "Nucleotide sequence of the ampicillin resistance gene of <i>Escherichia coli</i> plasmid pBR322," <i>Proc. Natl. Acad. Sci. USA</i> 75(8): 3737-3741, August 1978. | |
| AH | | Taguchi et al., "Analysis of mutational effects of a polyhydroxybutyrate (PHB) polymerase on bacterial PHB accumulation using an in vivo assay system," <i>FEMS Microbiol Lett.</i> 198(1): 65-71, April 20, 2001. | |
| AI | | Thillet et al., "Site-directed Mutagenesis of Mouse Dihydrofolate Reductase," <i>The Journal of Biological Chemistry</i> 263(25): 12500-12508, September 5, 1988. | |
| AJ | | Verpoorte et al., "Engineering secondary metabolite production in plants," <i>Curr Opin Biotechnol.</i> 13(2): 181-187, April 2002. | |
| AK | | Zukowski et al., "Chromogenic identification of genetic regulatory signals in <i>Bacillus subtilis</i> based on expression of a cloned <i>Pseudomonas</i> gene," <i>Proc. Natl. Acad. Sci. USA</i> 80: 1101-1105, February 1983. | |
| AL | | | |
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